

### **6.A.3 GENERAL PROVISIONS FOR TENANT ACCOMMODATIONS**

**6.A.3.1 The following provisions were taken from Section 25 of FCC No. 73:**

- A. Partitioned space will be offered in 100 square foot increments per central office. Additional space will be offered in 100 square foot increments on an as-needed basis where available. An interconnector may request a maximum of 400 square feet, in 100 square foot increments, in the same central office. SWBT will notify the interconnector that the partitioned space is ready for occupancy within 150 days after receipt of the interconnector's written acceptance of the quoted charges. Unless there are circumstances beyond its control, the interconnector must place transmission equipment in the partitioned space within 60 days after it is ready for occupancy. If the interconnector fails to do so, the partitioned space reverts to available space.**
- B. SWBT may enclose the partitioned spaces where the interconnector-provided equipment is located. The enclosure will conform with the standards for health, safety and security to which SWBT presently adheres within a central office environment.**
- C. SWBT will designate the floor space within each central office which will constitute the collocation area. In no case will the interconnector be allowed to perform or arrange for the performance of building alterations without the advance written concurrence and direction of authorized SWBT building representatives.**
- D. In addition to the floor space, SWBT will provide negative DC and AC power, back-up power, heat, air conditioning and other environmental support necessary for the interconnector's equipment in the same manner that it provides such support items to its own equipment within that central office.**
- E. SWBT will permit the interconnector's employees, agents and contractors to have access to the areas where the interconnector's partitioned space is located at all reasonable times, provided that the interconnector's employees, agent and contractors comply with the policies and practices of SWBT pertaining to fire, safety and security. SWBT will also permit all employees, agents and contractors of interconnectors to have access to the interconnector's cable and associated equipment within the partitioned space where it is exposed for such access and connections exist or are planned.**
- F. In the event that SWBT determines it necessary for the interconnector to move its partitioned space within a central office or to another central office, the interconnector is required to do so. SWBT will be responsible for the preparation of the new partitioned space at the new location at no charge to the interconnector.**
- G. In the event that the interconnector requests that its partitioned space be moved within a central office or to another central office, SWBT will permit the interconnector to relocate its partitioned space, subject to the availability of space and associated requirements. The interconnector will be responsible for all applicable charges associated with the removal, transport and reinstallation of its equipment and facilities and the preparation of the new partitioned space at the new location.**

- H. SWBT may at any time, for purposes of inspection, access the partitioned space by prior notice and may, without prior notice, access the partitioned space for purpose of averting any threat of harm inadvertently imposed by the interconnector or its equipment or facilities upon the operation of SWBT equipment, facilities and/or personnel located outside of the partitioned space.**
- I. The interconnector is responsible for any extraordinary nonrecurring costs incurred by SWBT. Such costs will be calculated on an ICB.**
- J. The interconnector is responsible for immediate verbal notification to SWBT of significant outages or operational problems which could impact or degrade SWBT's equipment and/or services and provide estimated clearing time for restoral. In addition, written notification must be provided within 24 hours.**
- K. The interconnector is responsible for coordinating with SWBT to ensure that services are installed in accordance with the service request.**
- L. The interconnector is responsible for providing a contact number for SWBT personnel that is readily accessible 24 hours a day.**
- M. The physical collocation interconnector will bring its fiber optic cable to the central office entrance manhole and leave sufficient cable length in order for SWBT to be able to fully extend the interconnector-provided cable through the vault to the partitioned space.**
- N. Interconnector facilities and equipment located in a SWBT central office building pursuant to the tariff will meet the safety requirements as specified by SWBT. Interconnector-designated equipment or operating practices representing a significant demonstrable technical threat to SWBT's network are not permitted.**
- O. Interconnectors will not be permitted to sublease SWBT central office floor space and/or permit another interconnector to jointly occupy its space.**
- P. The interconnector is responsible for removal of its equipment. If the interconnector fails to remove its equipment within 30 days after discontinuance of use, SWBT will remove the equipment on a time and materials basis.**

**SECTION 6.B**  
**CAGE CONSTRUCTION**

## **6.B CAGE CONSTRUCTION**

**6.B.1** An interconnector may request either a single 100 square foot partitioned space or several up to a maximum of four (4) partitioned spaces or 400 square feet.

**6.B.2** Each cage will be constructed utilizing any of the following construction materials:

- drywall type partition construction consisting of metal studs covered by sheetrock/drywall
- welded wire fabric consisting of individual sections supported by metal framing members

**NOTE:** Use of welded wire fabric or equivalent is essential to provide proper grounding of the enclosure. (Chain link fencing or woven wire fabric may pose grounding related problems.)

- non-metallic (reinforced fiberglass) mesh possessing adequate structural integrity necessary to provide overall separation and stability. This type of material will eliminate grounding concerns. However, the material must meet fire safety requirements for flame spread and smoke development.

**6.B.3** The above construction materials will be used as specific building conditions dictate. In most cases, the interconnector's partitioned space will be constructed using welded wire fabric. If this material is not satisfactory for any reason, the interconnector must advise SWBT of same when filing an application.

**6.B.4** Each cage will be 100 square feet in size with additional space offered in 100 square foot increments on an as needed basis where available. Generally speaking, the cage will be 10 feet by 10 feet (10' x 10'). However, dimensions may vary due to individual building circumstances. The cage may have a ceiling or top, or the sides may be extended up to the underside of the roof or floor above. Existing conditions must be taken into consideration to determine how the cage is constructed at each facility. If the cage has a top, it will be at least eight feet (8') above the floor. The cage will have a three foot (3') by seven foot (7') door with a hasp to accept a padlock or an integrated door lock for controlled access by the interconnector. Each cage will be keyed separately. SWBT will have a master key for access under special conditions as noted elsewhere in this publication.

**6.B.5** SWBT will provide framed openings in the sides or top of the cage as necessary to allow for cable access to the interconnector's equipment. Cage construction will also take into consideration the existing overhead telephone cabling, racking, etc. SWBT will not enclose any of its own existing cabling and/or racking within the interconnector's cage. This also applies to other interconnector equipment and cabling.

**6.B.6** Each partitioned space will be equipped with two (2) 120 volt AC duplex convenience outlets necessary to provide power for task lighting and miscellaneous use by the interconnector. General lighting for each partitioned space will be provided by two (2) 2-lamp, 40 watt fluorescent light fixtures located directly above or inside each partitioned space. Relamping of the light fixtures will be provided by SWBT. Necessary switches for control of individual partitioned space lighting will also be provided by SWBT. Emergency lighting will be installed as required by SWBT practices and/or local building codes.

6.B.7 Adequate environmental control of the partitioned space will also be provided. SWBT has planned for air conditioning based on power consumption of each interconnector's transmission equipment at 100 amps, negative 48 volt DC. The interconnector must advise SWBT when filing their application of any specific cooling requirements which exceed this design load. The interconnector will be required to pay for any additional cooling on an ICB as outlined in the tariff.

6.B.8 Required fire extinguishers will be provided by SWBT in the collocation area for accessibility by all interconnectors. A separate fire extinguisher will not be located in each interconnector's partitioned space.

#### **CAGE GROUNDING**

6.B.10 Each cage will have a separate ground bar provided and installed by SWBT. SWBT will complete all necessary grounding of the cage and make arrangements for connections to the interconnector's equipment. Final connections to the interconnector's equipment will be made by the interconnector. If the cage construction employs metallic materials, SWBT will bond each cage or sections of a cage together using a #6 insulated stranded copper conductor and two-hole bolted/compression connector. Refer to Section 3.C for additional grounding information.

**SECTION 6.C**  
**ENVIRONMENTAL CONDITIONS**

## **6.C ENVIRONMENTAL CONDITIONS**

**6.C.1 All equipment must adhere to prevailing environmental standards. All equipment utilized in a SWBT equipment building must meet the requirements specified in the Network Equipment Building System (NEBS) Generic Equipment Requirements, TR-NWT-000063, Issue 4, July 1991.**

**6.C.2 As with all SWBT equipment locations, interconnectors are required to keep their respective partitioned space clean and void of all nonessential materials. This specifically includes packaging materials, paper products, plastic and all flammable products.**

**6.C.3 SWBT may at any time, for purposes of inspection, access the partitioned space by giving proper notice to the interconnector. SWBT may access the partitioned space without prior notice for the purpose of averting any threat of harm inadvertently imposed upon the operation of SWBT's equipment, facilities and/or personnel by the interconnector or its equipment and facilities.**

**6.C.4 SWBT will provide heating, air conditioning, and other environmental support necessary for the interconnector's equipment in the same manner that it provides such support items for its own equipment.**

**6.C.5 Interconnectors will not be allowed to bring any hazardous materials into a SWBT equipment building. If any material is thought to contain a hazardous or toxic substance, the appropriate SWBT person will be notified at once and required action taken.**

**6.C.6 Some floor tiles in SWBT buildings may contain non-friable asbestos. SWBT has procedures in place for drilling holes when asbestos-containing floor tiles are encountered. The interconnector must follow these procedures or other governmental approved procedures addressing the proper handling, removal and disposal of asbestos containing material. The interconnector should request a copy of SWBT's procedures when filing a request for Expanded Interconnection.**

**6.C.7 Each interconnector will be responsible for all "house services" or cleaning within the partitioned space, except for relamping of light fixtures that may be mounted inside the partitioned space. Common areas adjacent to the interconnectors partitioned spaces will have house service provided by SWBT. Flammable cleaning supplies will not be stored in the partitioned space or any common area. Other house service supplies must be stored in a metal cabinet. SWBT will periodically inspect the partitioned spaces to ensure compliance with SWBT house service standards.**

**6.C.8 Power actuated cleaning equipment (i.e. vacuums or buffers) must be approved by SWBT prior to use due to potential interference with central office equipment operation.**

**SECTION 6.D**  
**SECURITY AND BUILDING**  
**ACCESS**



## **6.D SECURITY AND BUILDING ACCESS**

**6.D.1** In most cases, partitioned spaces will be located in a collocation area within the central office. This area will be accessible by the interconnector without gaining access to other parts of the building. Electronic Access Control (i.e. keycards) will be installed on both sides of the entrance door(s) to restrict and document access to the area. Another lock mechanism will be used on the individual partitioned space. In a single floor central office, access may be through a separate entrance created in the wall of the central office building which will enter directly into the collocation area, or, in those offices where there is only room for one physical interconnector, directly into the partitioned space. A SWBT representative will have a key/key card to each collocation area and partitioned space.

**6.D.2** SWBT will permit the interconnector's employees, agents and contractors to have access to the areas where the interconnector's partitioned space is located at all times, provided all individuals comply with the policies and practices of SWBT pertaining to fire, safety and security. Interconnectors are required to wear SWBT vendor picture ID badges at all times while on SWBT premises.

**6.D.3** An interconnector will provide the name, date of birth and social security number of each employee, agent or contractor who will require access to its partitioned space. This information will be given to the local SWBT security office, who will conduct a criminal conviction record check prior to the issuance of a SWBT vendor ID.

**6.D.4** Where it is not possible to provide the interconnector with a secure access method to the collocation area, a SWBT escort will be required. SWBT will check the Vendor ID before granting access to the central office. The security escort will stay with the interconnector while all job functions are performed.

**6.D.5** Interconnectors are allowed to access common areas as well as staging areas to the extent that these areas or rooms are directly accessible from the collocation area. SWBT is not required to provide a secured path to these areas if they are located elsewhere in the building. The common area associated with each partitioned space should be considered for use as the interconnector's staging area. The interconnector is expected to leave all common areas in a "broom clean" condition. Any clean up work required by SWBT will be billed back to the interconnector for time and materials.

**6.D.6** If access to a staging area is absolutely necessary in a non-secured office, a security escort must be requested and dispatched upon notice by the interconnector. A staging area is not a long term storage location and should not be utilized as such.

**6.D.7** SWBT may at any time for purposes of inspection access the partitioned space by prior notice to the interconnector. SWBT may access the partitioned space without notice for the purpose of averting any threat of harm inadvertently imposed upon the operation of SWBT's equipment, facilities and/or personnel by the interconnector or its equipment and facilities.

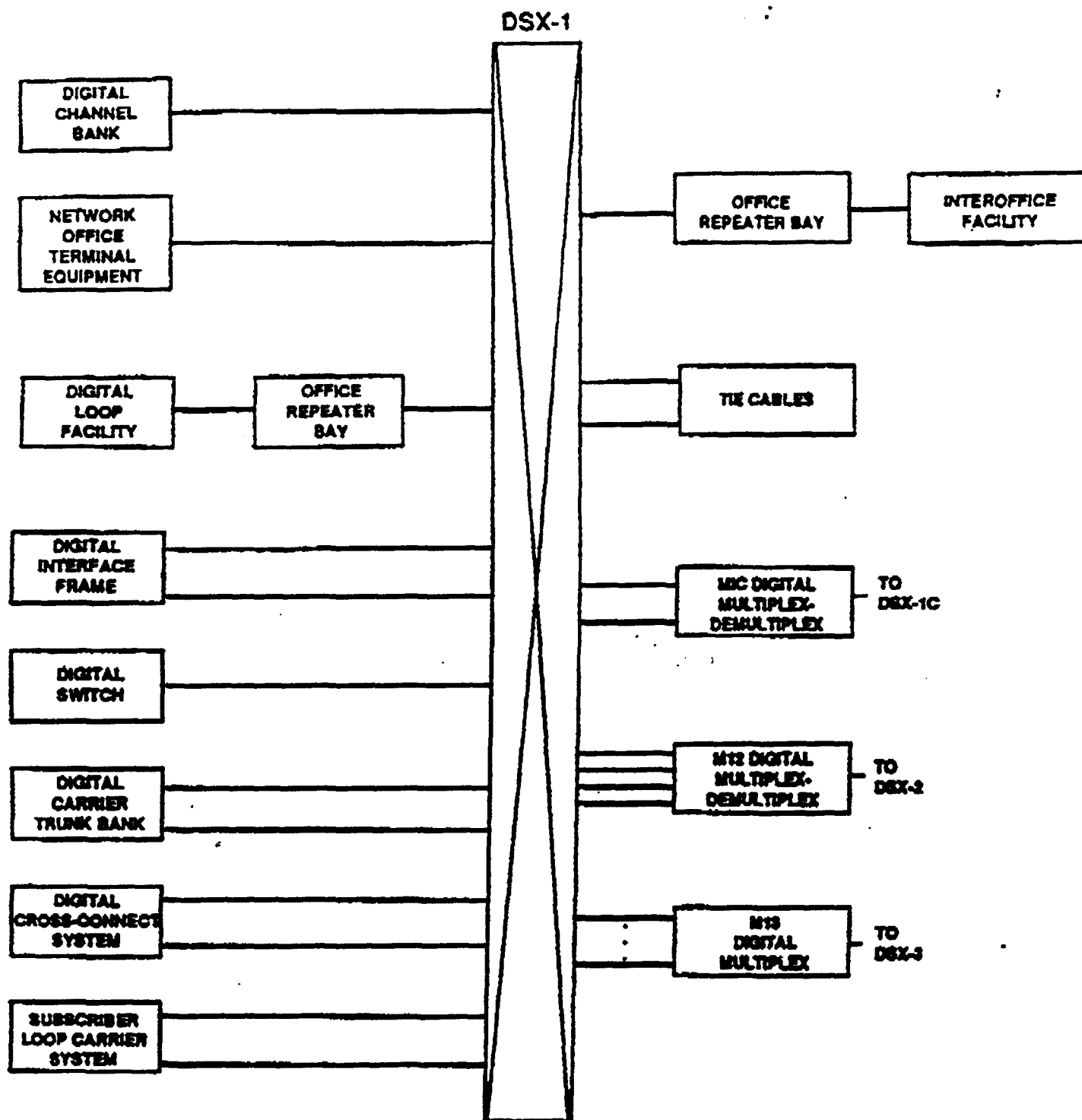
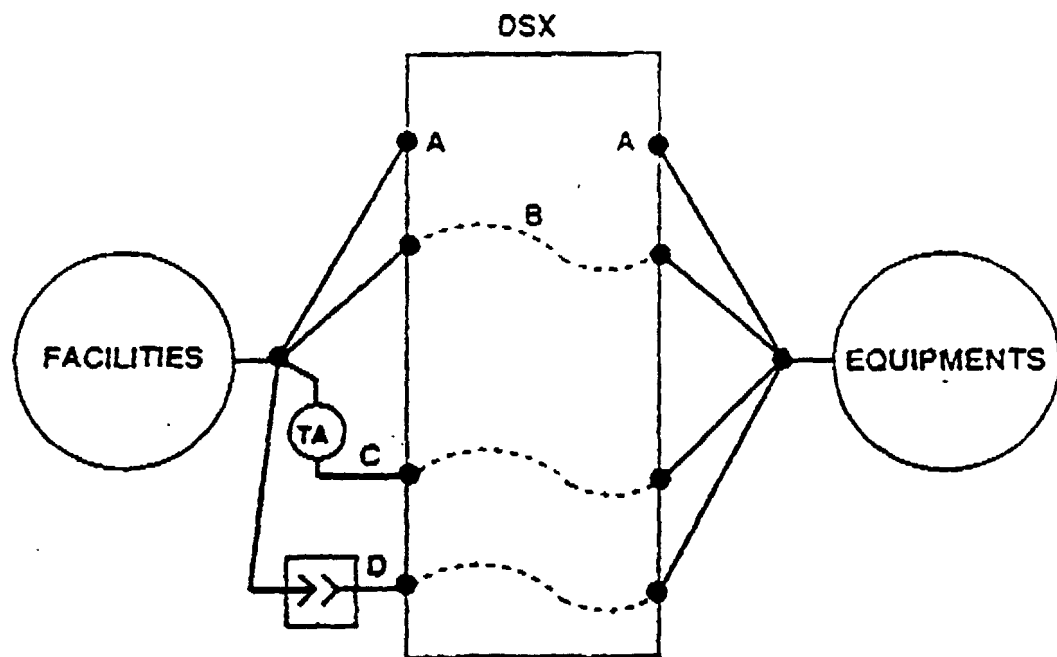


FIGURE 3: EQUIPMENT COMPATIBLE WITH DSX-1



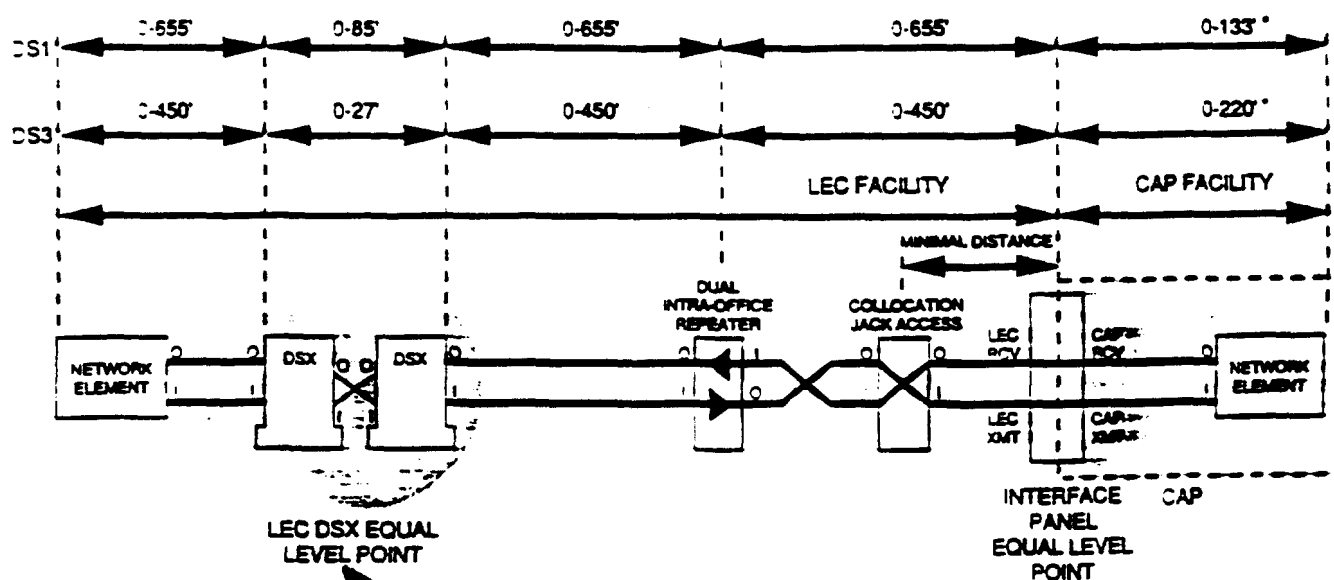
- A. TERMINATION OF FACILITIES AND EQUIPMENT
- B. CROSS CONNECTION
- C. TEST ACCESS (TA)
- D. TEMPORARY PATCHING

**FIGURE 3: DSX FRAME FUNCTIONS**

# Equal Level Transmission Limits

## Equal Level Transmission Limits Using Repeaters

Maximum Allowable Distances Between Elements		
Elements	DS1	DS3
LEC DSX and Intra-Office Repeater	0-655'	0-450'
LEC Intra-Office Repeater and Interface	0-655'	0-450'
LEC DSX and Interface	0-1310'	0-900'



\*Footage based on low line build-out setting

**Figure 5**  
Equal Level Point Circuit Extension With Intra-Office Repeaters

Equal level point  
is not at the POT  
Frame interface panel --  
it is at the DSX